



INTERNATIONAL SEARCH REPORT

International application No. **22 SEP 2004**
PCT/KR03/00481

| A. CLASSIFICATION OF SUBJECT MATTER | | |
|---|--|--|
| IPC7 G11B 20/10 | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) IPC7 G11B20/10, G11B20/12, G11B 27/00 | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975 | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | EP 0757349 A2(SONY) 5 FEBRUARY 1997 SONY See the whole documents | 1-8 |
| A | WO 96/13035 A1(SONY) 24 OCTOBER 1995 See the whole documents | 1-8 |
| A | JP 09-17167 A(MITSUMI) 17 JANUARY 1997 See the abstract | 1-8 |
| A | KR 2000-0013161A(SAMSUNG) 6 MARCH 2000 See the whole documents | 1-8 |
| A | JP 11-16262 A(FUNAI) 22 JANUARY 1999 See the abstract | 1-8 |
| A | JP07-272402 A(VICTOR) 20 OCTOBER 1995 See the abstract | 1-8 |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | |
| <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> | | |
| Date of the actual completion of the international search 21 JULY 2003 (21.07.2003) | | Date of mailing of the international search report 21 JULY 2003 (21.07.2003) |
| Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140 | | Authorized officer HAN, Choong Hee Telephone No. 82-42-481-5700  |